

## WEST Search History

DATE: Monday, August 13, 2007

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		<i>DB=USPT,USOC; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	L3 and mitochondri\$	8
<input type="checkbox"/>	L3	L2 and l1	136
<input type="checkbox"/>	L2	l-ascorbic acid	2728
<input type="checkbox"/>	L1	l-arginine	4601

END OF SEARCH HISTORY

# National Library of Medicine - Medical Subject Headings

2007 MeSH

## MeSH Descriptor Data

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<b>MeSH Heading</b>	Arginine
<b>Tree Number</b>	D12.125.068.050
<b>Tree Number</b>	D12.125.095.104
<b>Tree Number</b>	D12.125.142.087
<b>Annotation</b>	/ biosyn / defic / physiol permitted
<b>Scope Note</b>	An essential amino acid that is physiologically active in the L-form.
<b>Entry Term</b>	Arginine, L-Isomer
<b>Entry Term</b>	DL-Arginine Acetate, Monohydrate
<b>Entry Term</b>	L-Arginine
<b>Allowable Qualifiers</b>	AA AD AE AG AI AN BI BL CF CH CL CS CT DE DF DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UR
<b>CAS Type 1 Name</b>	L-Arginine
<b>Registry Number</b>	74-79-3
<b>Related Number</b>	7004-12-8
<b>Date of Entry</b>	19990101
<b>Unique ID</b>	D001120

## MeSH Tree Structures

[Amino Acids, Peptides, and Proteins \[D12\]](#)

[Amino Acids \[D12.125\]](#)

[Amino Acids, Basic \[D12.125.068\]](#)

► [Arginine \[D12.125.068.050\]](#)

[Argininosuccinic Acid \[D12.125.068.050.075\]](#)

[Benzoylarginine-2-Naphthylamide \[D12.125.068.050.095\]](#)

[Benzoylarginine Nitroanilide \[D12.125.068.050.100\]](#)

[Homoarginine \[D12.125.068.050.400\]](#)

[NG-Nitroarginine Methyl Ester \[D12.125.068.050.525\]](#)  
[Nitroarginine \[D12.125.068.050.587\]](#)  
[omega-N-Methylarginine \[D12.125.068.050.650\]](#)  
[Tosylarginine Methyl Ester \[D12.125.068.050.900\]](#)  
[Asparagine \[D12.125.068.060\]](#)  
[Glutamine \[D12.125.068.330\]](#) +  
[Lysine \[D12.125.068.555\]](#) +  
[Ornithine \[D12.125.068.665\]](#) +

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#### Amino Acids, Peptides, and Proteins [D12]

##### Amino Acids [D12.125]

##### Amino Acids, Diamino [D12.125.095]

► [Arginine \[D12.125.095.104\]](#)  
[Argininosuccinic Acid \[D12.125.095.104.075\]](#)  
[Benzoylarginine-2-Naphthylamide \[D12.125.095.104.095\]](#)  
[Benzoylarginine Nitroanilide \[D12.125.095.104.100\]](#)  
[Homoarginine \[D12.125.095.104.400\]](#)  
[NG-Nitroarginine Methyl Ester \[D12.125.095.104.525\]](#)  
[Nitroarginine \[D12.125.095.104.587\]](#)  
[omega-N-Methylarginine \[D12.125.095.104.650\]](#)  
[Tosylarginine Methyl Ester \[D12.125.095.104.900\]](#)  
[Asparagine \[D12.125.095.165\]](#)  
[Citrulline \[D12.125.095.226\]](#)  
[Cystathionine \[D12.125.095.307\]](#)  
[Cystine \[D12.125.095.369\]](#)  
[Diaminopimelic Acid \[D12.125.095.390\]](#)  
[Glutamine \[D12.125.095.461\]](#) +  
[Homocystine \[D12.125.095.533\]](#)  
[Lysine \[D12.125.095.647\]](#) +  
[Ornithine \[D12.125.095.765\]](#) +

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#### Amino Acids, Peptides, and Proteins [D12]

##### Amino Acids [D12.125]

##### Amino Acids, Essential [D12.125.142]

► [Arginine \[D12.125.142.087\]](#)  
[omega-N-Methylarginine \[D12.125.142.087.500\]](#)  
[Histidine \[D12.125.142.308\]](#)  
[Isoleucine \[D12.125.142.383\]](#)  
[Leucine \[D12.125.142.441\]](#)  
[Lysine \[D12.125.142.497\]](#)

[Methionine \[D12.125.142.557\]](#)

[Phenylalanine \[D12.125.142.666\]](#)

[Threonine \[D12.125.142.815\]](#)

[Tryptophan \[D12.125.142.875\]](#)

[Valine \[D12.125.142.930\]](#)

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# National Library of Medicine - Medical Subject Headings

2007 MeSH

## MeSH Descriptor Data

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<b>MeSH Heading</b>	Ascorbic Acid
<b>Tree Number</b>	D02.241.081.844.107
<b>Tree Number</b>	D02.241.511.902.107
<b>Tree Number</b>	D09.811.100
<b>Annotation</b>	/ defic = <a href="#">ASCORBIC ACID DEFICIENCY</a> or <a href="#">SCURVY</a>
<b>Scope Note</b>	A six carbon compound related to glucose. It is found naturally in citrus fruits and many vegetables. Ascorbic acid is an essential nutrient in human diets, and necessary to maintain connective tissue and bone. Its biologically active form, vitamin C, functions as a reducing agent and coenzyme in several metabolic pathways. Vitamin C is considered an antioxidant.
<b>Entry Term</b>	Ascorbic Acid, Monosodium Salt
<b>Entry Term</b>	Ferrous Ascorbate
<b>Entry Term</b>	Hybrin
<b>Entry Term</b>	L-Ascorbic Acid
<b>Entry Term</b>	Magnesium Ascorbicum
<b>Entry Term</b>	Magnorbin
<b>Entry Term</b>	Sodium Ascorbate
<b>Entry Term</b>	Vitamin C
<b>Allowable Qualifiers</b>	AA AD AE AG AI AN BI BL CF CH CL CS CT DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UR
<b>Pharm. Action</b>	<a href="#">Antioxidants</a>
<b>Pharm. Action</b>	<a href="#">Vitamins</a>
<b>CAS Type 1 Name</b>	L-Ascorbic acid
<b>Registry Number</b>	50-81-7
<b>Related Number</b>	134-03-2 (monosodium salt)
<b>History Note</b>	/therapeutic use was <a href="#">ASCORBIC ACID, THERAPEUTIC 1965</a>

Entry Combination	deficiency:Ascorbic Acid Deficiency
Date of Entry	19990101
Unique ID	D001205

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### MeSH Tree Structures

#### Organic Chemicals [D02]

##### Carboxylic Acids [D02.241]

##### Acids, Acyclic [D02.241.081]

##### Sugar Acids [D02.241.081.844]

- ▶ Ascorbic Acid [D02.241.081.844.107]
  - Dehydroascorbic Acid [D02.241.081.844.107.260]
  - 2,3-Diketogulonic Acid [D02.241.081.844.200]
  - Glucaric Acid [D02.241.081.844.300]
  - Gluconates [D02.241.081.844.322] +
  - Glyceric Acids [D02.241.081.844.387] +
  - Muramic Acids [D02.241.081.844.520]
  - Neuraminic Acids [D02.241.081.844.562] +
  - Tartrates [D02.241.081.844.759]
  - Tartronates [D02.241.081.844.821]
  - Uronic Acids [D02.241.081.844.915] +

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#### Organic Chemicals [D02]

##### Carboxylic Acids [D02.241]

##### Hydroxy Acids [D02.241.511]

##### Sugar Acids [D02.241.511.902]

- ▶ Ascorbic Acid [D02.241.511.902.107]
  - Dehydroascorbic Acid [D02.241.511.902.107.260]
  - 2,3-Diketogulonic Acid [D02.241.511.902.200]
  - Glucaric Acid [D02.241.511.902.300]
  - Gluconates [D02.241.511.902.322] +
  - Glyceric Acids [D02.241.511.902.387] +
  - Muramic Acids [D02.241.511.902.522]
  - Neuraminic Acids [D02.241.511.902.562] +
  - Tartrates [D02.241.511.902.759]
  - Tartronates [D02.241.511.902.821]
  - Uronic Acids [D02.241.511.902.915] +

[Carbohydrates \[D09\]](#)[Sugar Acids \[D09.811\]](#)

▶ [Ascorbic Acid \[D09.811.100\]](#)

[Dehydroascorbic Acid \[D09.811.100.260\]](#)

[2,3-Diketogulonic Acid \[D09.811.200\]](#)

[Glucaric Acid \[D09.811.295\]](#)

[Gluconates \[D09.811.308\]](#) +

[Glyceric Acids \[D09.811.366\]](#) +

[Muramic Acids \[D09.811.522\]](#) +

[Neuraminic Acids \[D09.811.589\]](#) +

[Tartrates \[D09.811.779\]](#)

[Tartronates \[D09.811.835\]](#)

[Uronic Acids \[D09.811.922\]](#) +

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